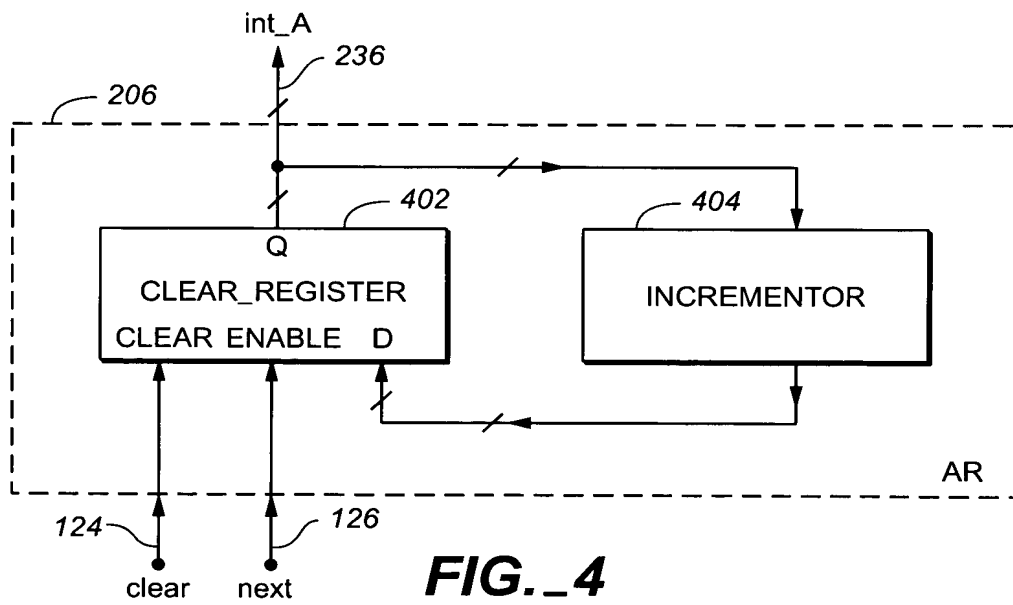
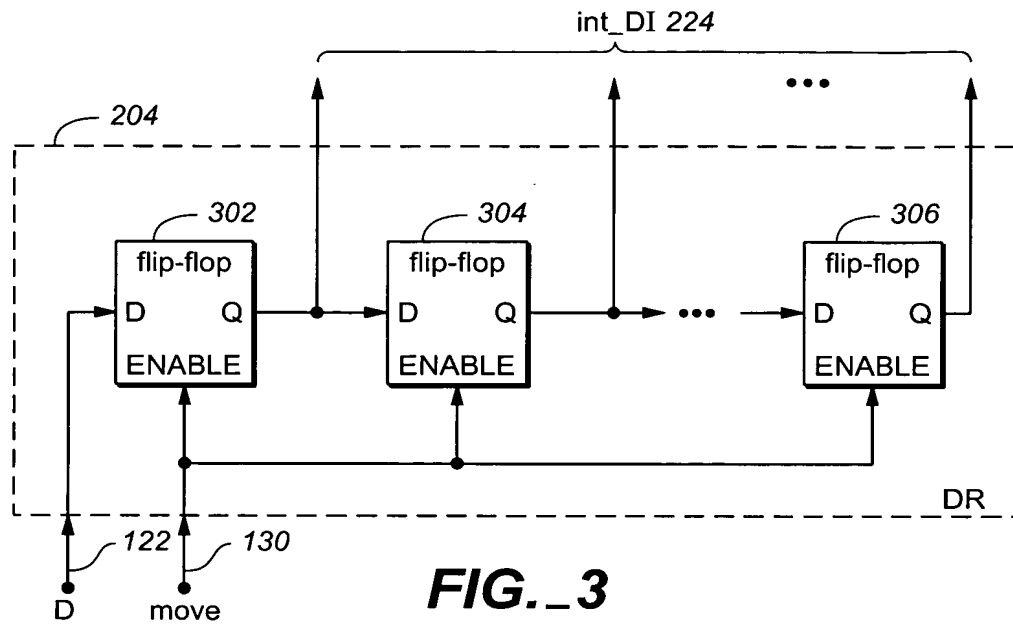


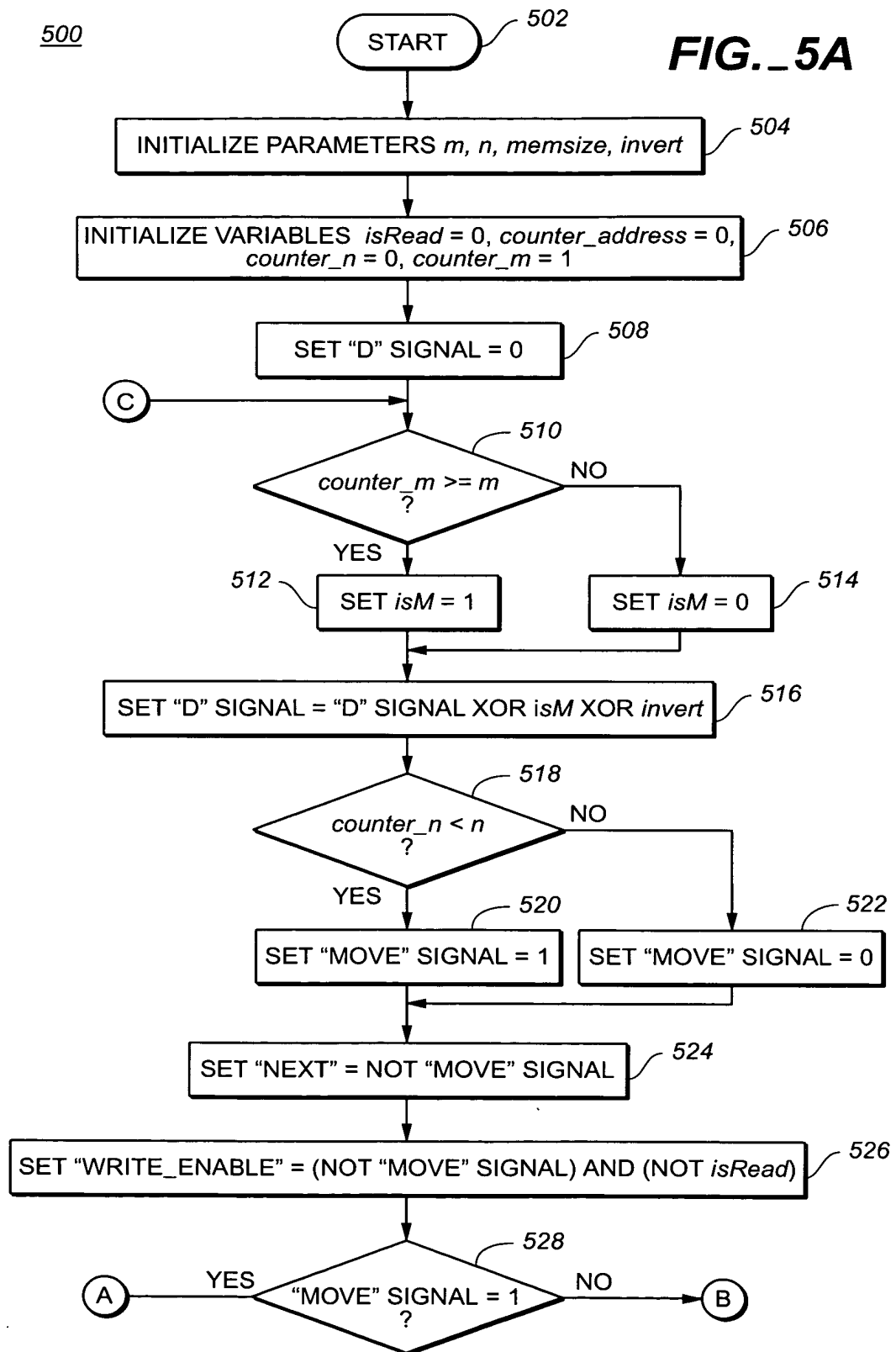
FIG. 2



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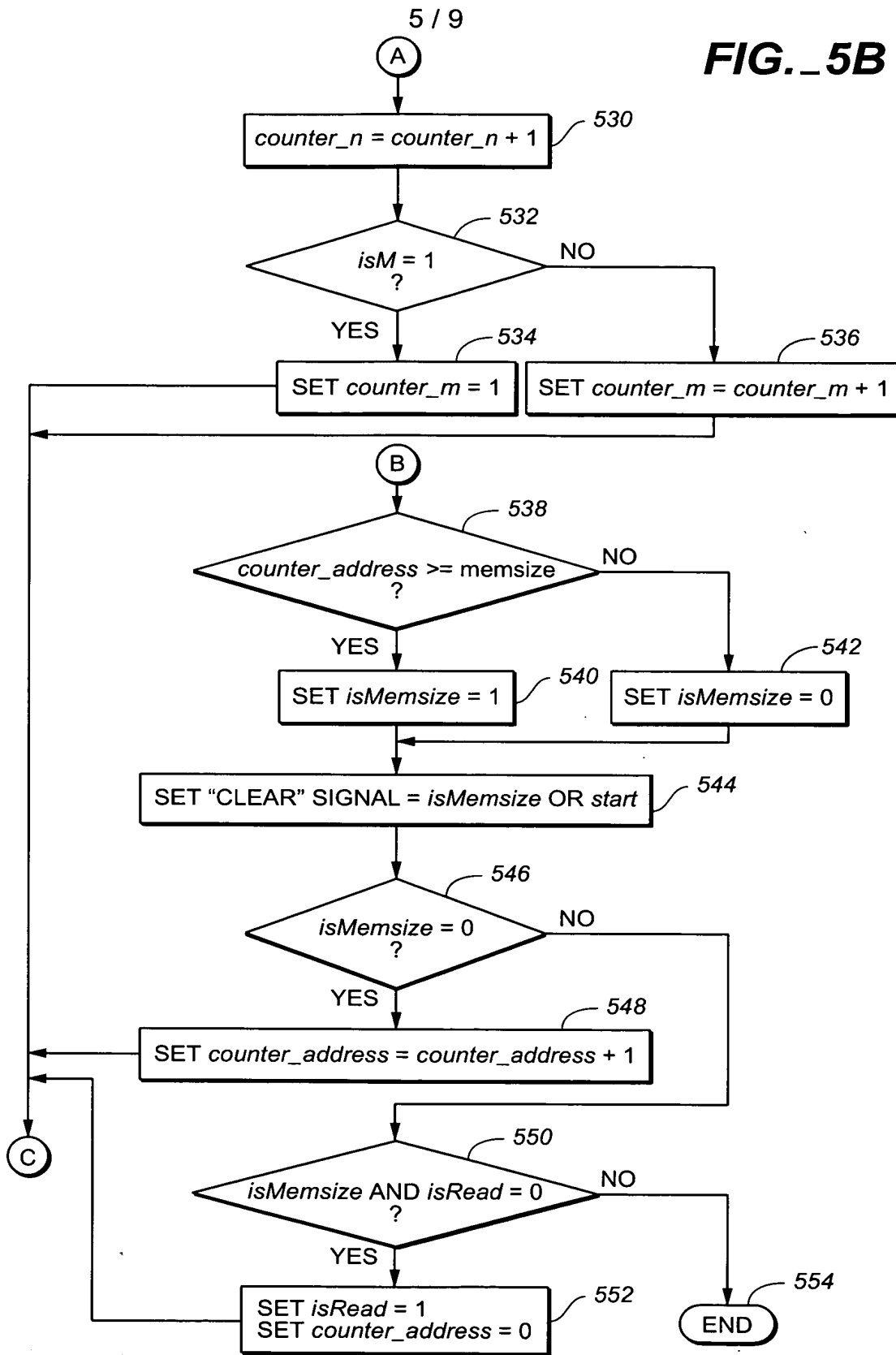
500

FIG. 5A



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FIG._5B



	602			604			606		
	fill DR(n steps)			memory write (memsize steps)			memory read (memsize steps)		
clear	1	0	0	...	0	0	0	1	0
move	1	1	1	...	1	0	0	0	0
next	0	0	0	...	0	1	1	1	1
WE	0	0	0	...	0	1	1	0	0
D	0	...	0	1	...	1	0
	$\alpha \oplus$ is M			$\alpha \oplus$ is M			$\alpha \oplus$ is M		

FIG._6

	802			804			806			808		
	fill DR(n steps)			memory write $\text{memsize} + \lceil \frac{\text{memsize}}{k} \rceil$ steps)			fill DR(n steps)			memory read $\text{memsize} + \lceil \frac{\text{memsize}}{k} \rceil$ steps)		
clear	1	0	0	...	0	0	1	0	0	0	...	0
move	1	1	1	...	1	0	...	0	1	0	...	1
next	0	0	0	...	0	1	...	1	0	1	...	1
WE	0	0	0	...	0	1	...	1	0	0	...	0
D	0	1	0	1	...	$\bar{\alpha}$...	$\bar{\alpha}$	$\bar{\alpha}$	$\bar{\alpha}$...	$\bar{\alpha}$
	$\alpha \oplus$ is M			$\bar{\alpha} \oplus$ is M			$\alpha \oplus$ is M			$\bar{\alpha} \oplus$ is M		

FIG._8

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700

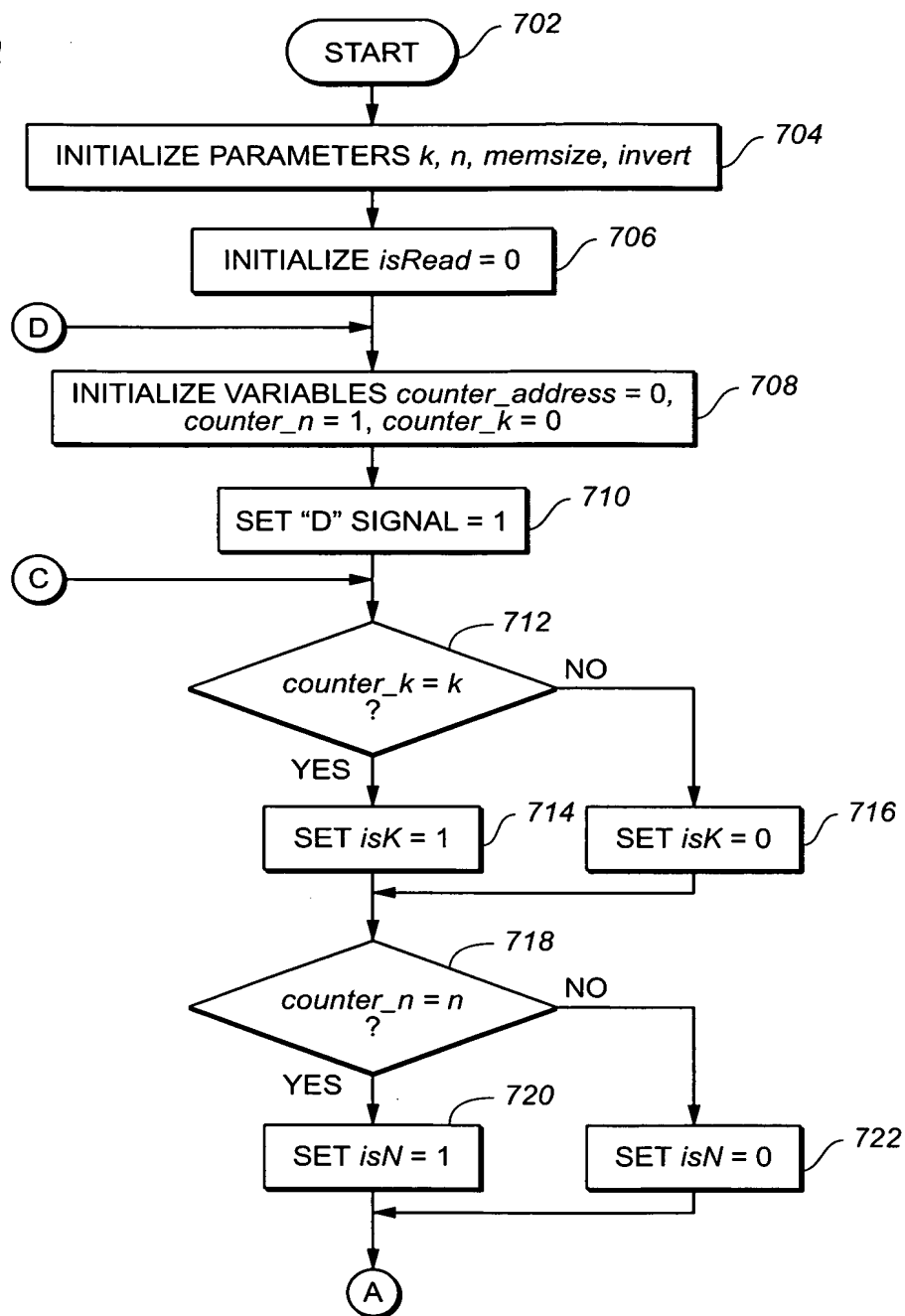


FIG. 7A

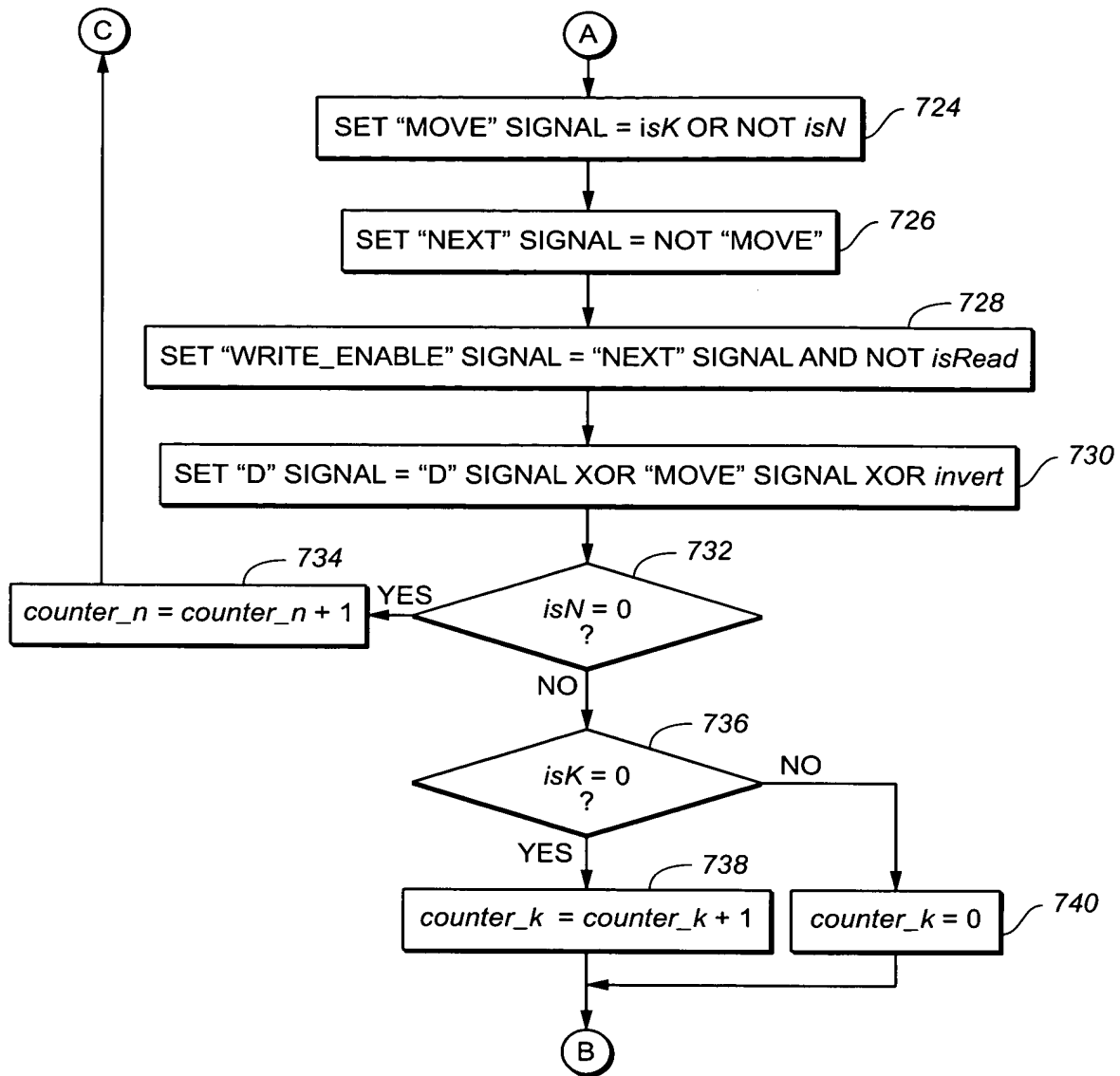


FIG. 7B

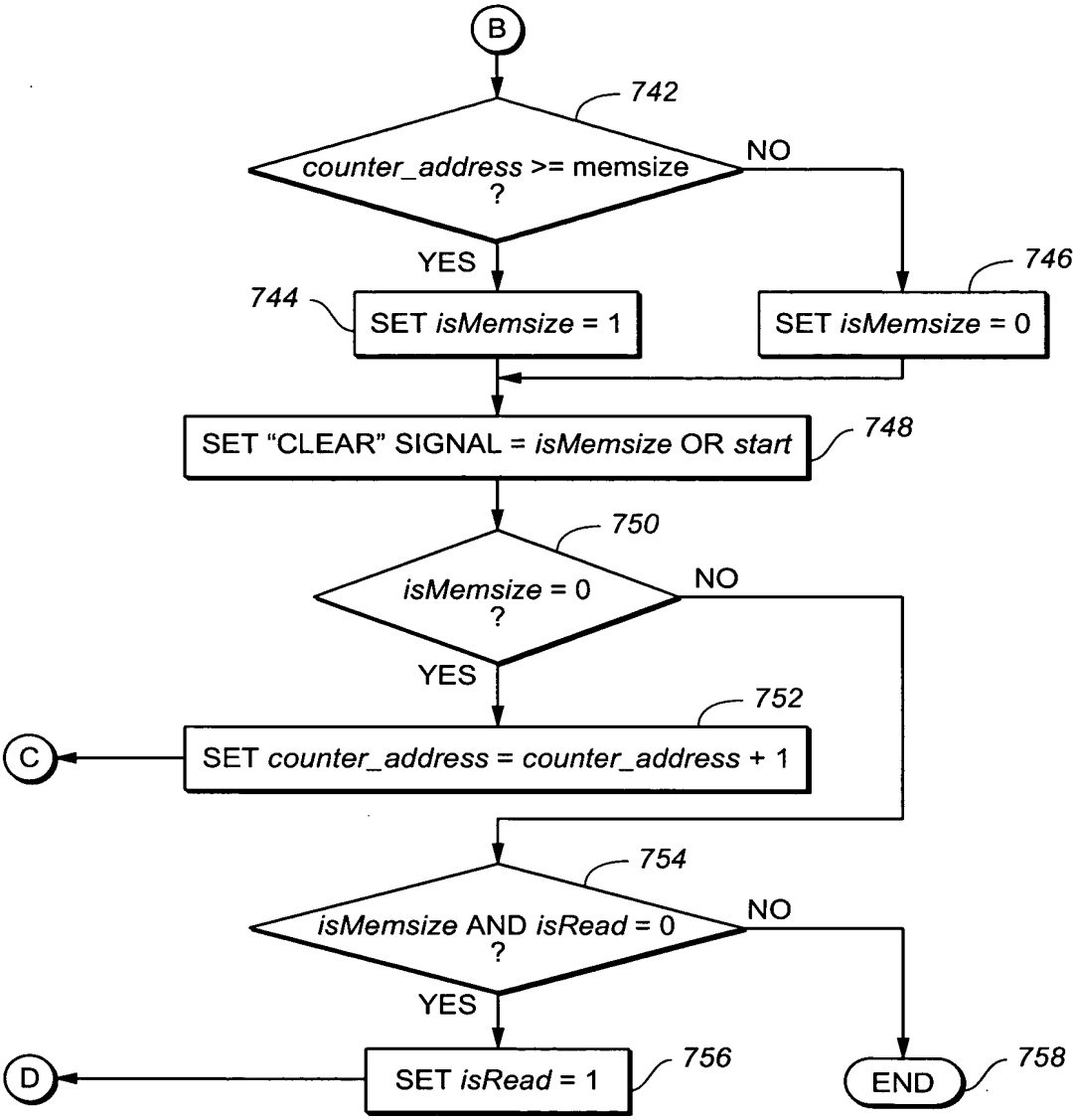


FIG. 7C